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PTO/SB/08A (08-03)

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Substitute for form 1449-PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

of 1

**Complete if Known**

Application Number	10/645,720
Filing Date	August 20, 2003
First Named Inventor	Steven R. Mead
Art Unit	
Examiner Name	
Attorney Docket Number	2400/18

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RM		US- 4,337,283	06-29-1982	Hass, Jr.	
RM		US- 5,958,527	09-28-1999	Prevost	
RM		US- 6,048,282	04-11-2000	Prevost	
RM		US- 6,338,885	06-15-2002	Prevost	
RM		US- 6,551,689	04-22-2003	Prevost	
RM		US- 6,689,447	02-10-2004	Prevost	
RM		US- 6,723,412	04-20-2004	Prevost	
RM		US- 6,746,752	06-08-2004	Prevost	
RM		US- 6,767,595	07-27-2004	Prevost	
RM		US- 2002/0029515	03-14-2002	Prevost	
RM		US- 2002/0136846	09-26-2002	Prevost	
RM		US- 2004/0058096	03-25-2004	Prevost	
RM		US- 2004/0219308	11-04-2004	Prevost	
RM		US- 2005/0008793	01-13-2005	Prevost	
RM		US- 2005/0031803	02-10-2005	Prevost	
RM		US- 2005/0044656	03-03-2005	Prevost	
RM		US- 3,856,721	12-24-1974	Fritschel	
RM		US- 6,623,840	09-23-2003	Hainbach	
RM		US- 6,770,373	08-03-2004	Kinoshita	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/Robert Miller/

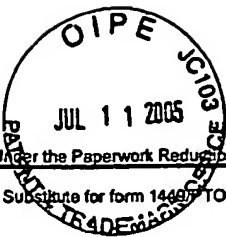
Date  
Considered

05/25/2006

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/645,720
Filing Date	August 20, 2003
First Named Inventor	Steven R. Mead
Art Unit	
Examiner Name	
Attorney Docket Number	2400/18

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RM		Kaplan et al, "Applications For Plasma Surface Treatment In The Medical Industry" 4/17/2000	

Examiner Signature	/Robert Miller/	Date Considered	05/25/2006
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 10

Application Number	10/645,720
Filing Date	8/20/03
First Named Inventor	Steven R. Mead
Group Art Unit	
Examiner Name	

Attorney Docket Number	2400/18
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Resolved, Passages or Remarks Cited Above
		Number	And Case: (if known)			
RM		1,652,776		Galanis	12-13-27	
RM		2,179,631		Holder	11-14-39	
RM		3,304,219		Nickerson	02-14-67	
RM		3,459,179		Olesen	08-05-69	
RM		3,503,841		Sterrett	03-31-70	
RM		3,529,306		Thorne	09-22-70	
RM		3,552,044		Wiele	01-05-71	
RM		3,629,882		Thorne	12-28-71	
RM		3,663,344		Brock et al.	05-16-72	
RM		3,755,063		Massev et al.	08-28-73	
RM		3,816,234		Winfield	06-11-74	
RM		4,011,611		Lederman	03-15-77	
RM		4,139,920		Evans	02-20-79	
RM		4,193,499		Lookholder	03-18-80	
RM		4,343,047		Lazowski et al.	08-10-82	
RM		4,472,472		Schultz	09-18-84	
RM		4,620,633		Lookholder	11-04-86	
RM		4,642,814		Godfrev	02-17-87	
RM		4,657,003		Wirtz	04-14-87	
RM		5,079,787		Pollmann	01-14-92	

[illegible]

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1. Unique search designation number: See attached Kind of U.S. Patent Document. Enter Office that issued the document by the two-letter code (MPC Standard ST 2). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WPO Standard ST. 16 if possible. 2. Applicant is to place a check mark here if English language Translation is attached.

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			Application Number	
			Filing Date	
			First Named Inventor	
			Group Art Unit	
			Examiner Name	
			Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Answer
		Number	Kind Code <sup>2</sup> (if known)			
RM		5,103,517		Krouskop	04-14-92	
RM		5,134,726		Ross	08-04-92	
RM		5,201,780		Dinsmoor, III et al.	04-13-93	
RM		5,369,829		Jay	12-06-94	
RM		5,397,620		Hord, III	03-14-95	
RM		5,464,443		Wilson et al.	11-07-95	
RM		5,545,128		Haves et al.	08-13-96	
RM		5,584,072		Kim et al.	12-17-96	
RM		5,626,657		Pearce	05-06-97	**
RM		5,669,079		Morgan	09-23-97	
RM		5,675,844		Guyton et al.	10-14-97	
RM		5,699,561		Broersma	12-23-97	
RM		5,711,029		Visco et al.	01-27-98	
RM		5,357,015		Haruvy et al	10-18-94	
RM		5,922,161		Wu et al	07-13-99	
					</	

FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Answer	Fig 1 <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>				

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<sup>2</sup>Unique citation designation number. See attached kinds of U.S. Patent Documents. Enter Office that issued the document, by the two-letter code (WPC Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. Applicant is to place a check mark here if English language translation is attached.

<sup>3</sup>Surveys show Statement This form is estimated to take 1.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comment the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20503.

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Sheet	3	of	10
		Application Number	
		Filing Date	
		First Named Inventor	
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
RM		3,477,562		Allen et al.	11-11-1969	
RM		3,563,837		Smith et al.	02-16-1971	
RM		3,606,726		Spertus et al.	09-21-1971	
RM		3,889,444		Davis et al.	06-17-1975	
RM		3,968,620		Keltner	07-13-1976	
RM		4,054,204		Keaton	10-18-1977	
RM		4,102,109		Modra et al.	07-25-1978	
RM		4,121,399		Verville	10-24-1978	
RM		4,391,561		Smith et al.	07-05-1983	
RM		4,640,080		Wright	02-03-1987	
RM		5,052,874		Johanson	10-01-1991	
RM		5,079,787		Pollmann	01-14-1992	
RM		5,351,830		Bender et al.	10-04-1994	
RM		5,515,975		Jarvis et al.	05-14-1996	
RM		5,622,030		Steed et al.	04-22-1997	
RM		5,694,747		Tesch	12-09-1997	
RM		5,711,215		Sextl et al.	01-27-1998	
RM		5,712,015		Guillen	01-27-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Robert Miller/	Date Considered	06/09/2006
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Sheet 4 of 10

**Complete If Known**

Application Number

Filing Date

First Named Inventor

Group Art Unit

Examiner Name

Attorney Docket Number

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
RM		2,298,218		Madson	06-27-1940	
RM		3,608,961		Heck	09-28-1971	
RM		3,762,404		Sakita	10-02-1973	
RM		3,968,530		Dyson	07-13-1976	
RM		4,171,549		Morrell et al.	10-23-1979	
RM		4,370,754		Donzis	02-01-1983	
RM		4,432,110		Sutton	02-21-1984	
RM		4,475,248		L'Abbe et al.	10-09-1984	
RM		4,577,358		Glass	03-25-1986	
RM		4,606,087		Alivizatos	08-19-1986	
RM		4,607,403		Alivizatos	08-26-1986	
RM		4,905,320		Sauvers, Jr.	03-06-1990	
RM		5,134,725		Yeshurun et al.	08-04-1992	
RM		5,152,019		Hirata	10-06-1992	
RM		5,279,237		Alivizatos	01-18-1994	
RM		5,537,688		Reynolds et al.	07-23-1996	
RM		5,733,012		Jones	03-31-1998	
RM		5,778,470		Haider	07-14-1998	
RM		5,826,273		Eckes	10-27-1998	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TS
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
RM		FR	2495-453		Comte	06-11-1982		
RM		FR	2616-655		Luc	12-23-1988		

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Date  
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05/25/2006

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Sheet	5	of	10	Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
RM		2,404,758		Teague et al.	12-10-1940
RM		3,006,780		Shaffer	11-04-1959
RM		3,304,219		Nickerson	05-02-1962
RM		3,616,162		Noziere	10-26-1971
RM		3,857,731		Merrill, Jr. et al.	12-31-1974
RM		3,864,181		Wolinski et al.	02-04-1975
RM		4,624,893		Shibano et al.	11-25-1986
RM		4,705,715		DeCoste, Jr. et al.	11-10-1987
RM		4,740,416		DeCoste, Jr. et al.	04-26-1988
RM		4,855,170		Darvell et al.	08-08-1989
RM		5,055,340		Matsumura et al.	10-08-1991
RM		5,614,310		Delgado et al.	03-25-1997
RM		5,720,714		Penrose	02-24-1998
RM		5,746,013		Fay, Sr.	05-05-1998
RM		4,756,026		Pierce	07-12-88
RM		5,301,370		Henson	04-12-94
RM		3,489,154		Kaspar et al.	01-13-70
RM		5,916,672		Reeves	06-29-99

FOREIGN PATENT DOCUMENTS							
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

Examiner Signature	/Robert Miller/	Date Considered	05/25/2006
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Application Number		Filing Date	
First Named Inventor		Group Art Unit	
Examiner Name		Attorney Docket Number	
Sheet	6	of	10

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RM		Sales Literature of Faytex Corp., circa 1998	
RM		Sales Literature of JSP International 1998	
RM		Sales Brochure "Product Samples" of JSP International 1998	
RM		Internet Ad of EcoByDesign 2003	
RM		Internet Ad of Midwest Padding 2003	
RM		Internet Ad of SilentWalk 2003	
RM		Internet Ad of Tuplex Corp. 2003	

Examiner Signature	/Robert Miller/	Date Considered	05/25/2006
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of

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Filing Date

**First Named Inventor**

### Group Art Unit

**Examiner Name**

Attorney Docket Number

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
RM		5,888,642		Meteer et al.	3-1999	
RM		5,916,672		Reeves et al.	6-1999	
RM		3,489,154		Kaspar et al.	1-1970	
RM		5,073,444		Shanelee	12-1991	
RM		3,856,721		Fritschel	12-24-1974	
RM		4,034,506		Kasahara	7-12-1977	
RM		4,250,136		Rex	2-10-1981	
RM		4,303,729		Torobin	12-1-1981	
RM		5,837,739		Nowak	11-17-1998	
RM		5,100,258		VanWagoner	3-31-1992	
RM		5,102,260		Horvath	4-7-1992	
RM		5,713,696		Horvath	2-3-1998	
RM		5,920,915		Bainbridge	7-13-1999	
RM		6,032,300		Bainbridge	3-7-2000	
RM		6,055,676		Bainbridge	5-2-2000	
RM		6,098,209		Bainbridge	8-8-2000	
RM		6,301,722		Nickerson	10-16-2001	
RM		6,357,054		Bainbridge	3-19-2002	
RM		6,453,477		Bainbridge	9-24-2002	
RM		6,453,477		Bainbridge	9-24-2002	

[illegible]

05/25/2006

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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	Application Number			
	Filing Date			
	First Named Inventor			
	Group Art Unit			
	Examiner Name			
	Attorney Docket Number			
Sheet	8	of	10	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
RM		3,354,578		Ryan	11-28-1967	
RM		3,640,787		Heller	02-08-1972	
RM		3,683,469		Weissmahr	05-18-1972	
RM		3,676,288		Hoyle	07-11-1972	
RM		3,978,263		Wellensiek	08-31-1976	
RM		4,229,398		Harvey	10-21-1980	
RM		4,240,998		Lichter et al.	12-23-1980	
RM		4,243,617		Burne	01-08-1981	
RM		4,443,286		Ikeda et al.	04-17-1984	
RM		4,492,877		Burnett	01-15-1985	
RM		5,080,737		Shoner	01-14-1992	
RM		5,587,231		Mereer et al.	12-24-1996	
RM		6,027,806		Abe et al.	02-22-2000	
RM		4,239,519		Beall et al.	12-16-1980	
RM		4,441,905		Malmendier et al.	4-10-1984	
RM		4,751,202		Toussaint	6-14-1988	
RM		4,751,203		Toussaint	6-14-1988	
RM		4,989,794		Askew et al.	2-5-1991	
RM		5,292,840		Heilmann et al.	3-8-1994	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Robert Miller/	Date Considered	05/25/2006
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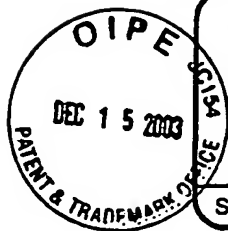
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 9 of 10

### Complete if Known

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Filing Date  
First Named Inventor  
Group Art Unit  
Examiner Name  
Attorney Docket Number

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RM		24 Page Brochure of Porex Technologies 1989-1992	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number			
		Filing Date			
		First Named Inventor			
		Art Unit			
		Examiner Name			
Sheet	10	of	10	Attorney Docket Number	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
RM		US- 3,674,684	7/4/72	Gollan	
RM		US- 5,356,344	10/18/94	Lemieux	
RM		US- 5,373,667	12/20/94	Lemieux	
RM		US- 6,375,546	4/23/02	Lemieux	
RM		US- 6,602,113	8/5/03	Lemieux	
RM		US- 6,558,548	5/6/03	Svirklys	
		US-			
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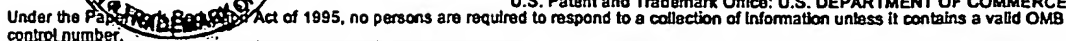
FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			

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Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (If known)			
RM		US- 3,877,969	04-1975	Knoss	
RM		US- 5,352,318	10-1994	Takabayashi	
RM		US- 5,406,046	04-1995	Landes	
RM		US- 6,528,947	03-2003	Chen	
RM		US- 6,877,932	04-2005	Prevost	
RM		US- 2005/0170179	08-2005	Audenaert	
RM		US- 2002/0018859	02-2002	Bednarz	
RM		US- 4,489,115	12-1984	Layman	
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RM		US- 6,485,446	11-2002	Brother	
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RM		US- 4,777,763	10-1988	Shannon	
RM		US- 3,877,172	04-1975	Schwab	
RM		US- 3,710,510	01-1973	Tully	
RM		US- 4,336,286	06-22-1982	Tomarin	
RM		US- 4,489,115	12-18-1984	Layman et al.	
RM		US- 5,252,657	10-12-2003	Frankel et al.	
RM		US- 6,877,932	04-12-2005	Prevost	
		US-			

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